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CONFIDENTIAL 12 July 1955

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MEMORANDUM FOR: THE RECORD

SUBJECT: Monitoring of [] RD-54

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1. Time and Place of Meetings: 6 and 7 July 1955, at []

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2. Attendance:

3. Purpose: To clarify certain aspects of model "D", to discuss the proposal for model "C", and to have one model "B" repaired

4. Discussion:

a. [] explained generally what they had in mind for the "D" unit, which coincided with what we had in mind for the "D" unit. It was learned that work was started on the "D" unit as of 1 July and at present the layout of the electronics and optics is complete on paper. The "D" unit will be constructed in two pieces, both of which fit loosely into a standard briefcase which measured $15\frac{1}{2}$ " x 13" x $6\frac{1}{2}$ ". The two boxes will be connected by a 4' cable which will contain 8 to 10 conductors, the smaller of the two boxes will contain the optical head, the lead sulfide cell. The larger of the two boxes will contain the batteries, charger, and electronic components. The only significant change contemplated in this unit will be in the optical system.

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b. We then discussed spare parts to be furnished under Task III for model "B" and it was decided that only running spares should be included in this list which is as follows:

- 6 sets of tripod legs
- 6 battery chargers
- 100 lamps
- 3 headphones
- 1 box of 5 fuses for ~~ea~~ galvanometer
- 1 box of 5 each fuses for ~~ea~~ battery charger

c. A list of comments previously discussed by [] and the undersigned as pertains to the proposal currently at hand for the "C" unit was discussed.

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5. Conclusions:

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5. Conclusions:

a. The "D" unit will be available no later than 27 July 1955.

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b. ~~One~~ "B" unit will be late on delivery due to the priority of the "D" unit.

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TSS/APD

Distribution:

Orig. - P-101B ✓

1 - SPK

1 - RTW

1 - Chrono

RTW/bb

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